

REPORT DOCUMENTATION PAGE

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Report Title

Final Progress Report; Expanding the Nation's Manufacturing Technology Workforce Capacity; Contract Number W911NF-09-1-0457; Tallahassee Community College

ABSTRACT

During this Department of Defense, Army Research Office grant project, the AMTC supported the development of 18 manufacturing skill training courses with the addition of the Automation in Manufacturing, Quality Improvement, Lean Manufacturing and Surface Mount Technician courses added during this last year. Additionally, twenty-four credit courses were developed to support seven College Credit Certificate programs and the Associate of Science Engineering Technology degree completed during this last period. The AMTC's functional capabilities supported three projects; Department of Labor (DOL) Engineering Technology and Advanced Manufacturing (ETAM), National Science Foundation (NSF) ATE Students in Engineering Technology and DOL FL TRADE project. In total, the AMTC served 405 students (184 in last year) in manufacturing skill training courses.

Enter List of papers submitted or published that acknowledge ARO support from the start of the project to the date of this printing. List the papers, including journal references, in the following categories:

(a) Papers published in peer-reviewed journals (N/A for none)

Received Paper

TOTAL:

Number of Papers published in peer-reviewed journals:

(b) Papers published in non-peer-reviewed journals (N/A for none)

Received Paper

TOTAL:

Number of Papers published in non peer-reviewed journals:

(c) Presentations

Number of Presentations: 0.00

Non Peer-Reviewed Conference Proceeding publications (other than abstracts):

Received Paper

TOTAL:

Number of Non Peer-Reviewed Conference Proceeding publications (other than abstracts):

Peer-Reviewed Conference Proceeding publications (other than abstracts):

Received Paper

TOTAL:

Number of Peer-Reviewed Conference Proceeding publications (other than abstracts):

(d) Manuscripts

Received Paper

TOTAL:

Number of Manuscripts:

Books

Received Paper

TOTAL:

Patents Submitted

Patents Awarded

Awards

Graduate Students

<u>NAME</u>	<u>PERCENT SUPPORTED</u>
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FTE Equivalent:

Total Number:

Names of Post Doctorates

<u>NAME</u>	<u>PERCENT SUPPORTED</u>
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FTE Equivalent:

Total Number:

Names of Faculty Supported

<u>NAME</u>	<u>PERCENT SUPPORTED</u>
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FTE Equivalent:

Total Number:

Names of Under Graduate students supported

<u>NAME</u>	<u>PERCENT SUPPORTED</u>
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FTE Equivalent:

Total Number:

Student Metrics

This section only applies to graduating undergraduates supported by this agreement in this reporting period

The number of undergraduates funded by this agreement who graduated during this period: 0.00

The number of undergraduates funded by this agreement who graduated during this period with a degree in science, mathematics, engineering, or technology fields:..... 0.00

The number of undergraduates funded by your agreement who graduated during this period and will continue to pursue a graduate or Ph.D. degree in science, mathematics, engineering, or technology fields:..... 0.00

Number of graduating undergraduates who achieved a 3.5 GPA to 4.0 (4.0 max scale):..... 0.00

Number of graduating undergraduates funded by a DoD funded Center of Excellence grant for Education, Research and Engineering:..... 0.00

The number of undergraduates funded by your agreement who graduated during this period and intend to work for the Department of Defense 0.00

The number of undergraduates funded by your agreement who graduated during this period and will receive scholarships or fellowships for further studies in science, mathematics, engineering or technology fields:..... 0.00

Names of Personnel receiving masters degrees

NAME

Total Number:

Names of personnel receiving PhDs

NAME

Total Number:

Names of other research staff

NAME

PERCENT_SUPPORTED

FTE Equivalent:

Total Number:

Sub Contractors (DD882)

Inventions (DD882)

Scientific Progress

None to Report

Technology Transfer

Welcome Capital Region Manufacturers

Tallahassee Community College

Advanced Manufacturing Training Center

Equipment and Training Devices used at the Advanced Manufacturing Training Center were funded in part by an Army Research Office grant



Program Update

- Current DOL Engineering Technology & Advanced Manufacturing (ETAM) Project
 - National Science Foundation (NSF) Project; Students in Engineering Technology (SET)
 - Florida Transforming Resources for Accelerated Degrees and Employment (TRADE) grant
- Industry Stackable Credentials



DOL ETAM Project

- Thru June 30, 2013
- Incumbent and unemployed worker training
- Subject Areas:
 - CNC Machine Operator
 - Electronics Aide
 - Surface Mount Technician
 - Quality Improvement Associate
 - Bronze Level Lean
 - Instrumentation Control Tech



NSF SET Project

- Establish education career pathway into ET careers
 - Godby High School
 - Wakulla High School
- Develop ET Associate of Science Degree
- Coordinate articulation to 4-year institution



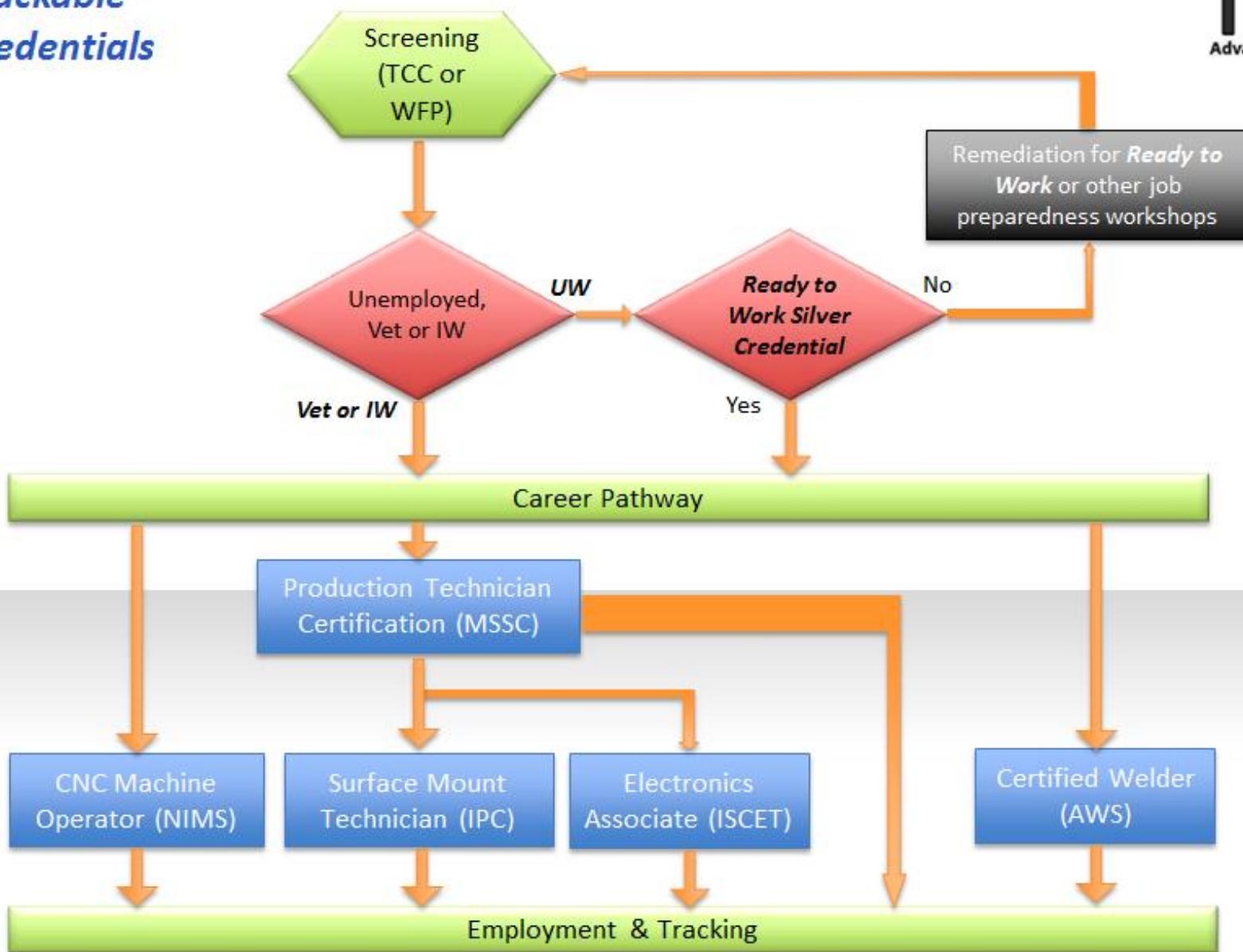
Florida TRADE Project

- Training workers that have lost their jobs or are at risk of losing their job as a result of foreign trade
 - Veterans
 - Dislocated and incumbent workers
- 12 colleges, workforce boards, manufacturing associations, EDCs and consultants

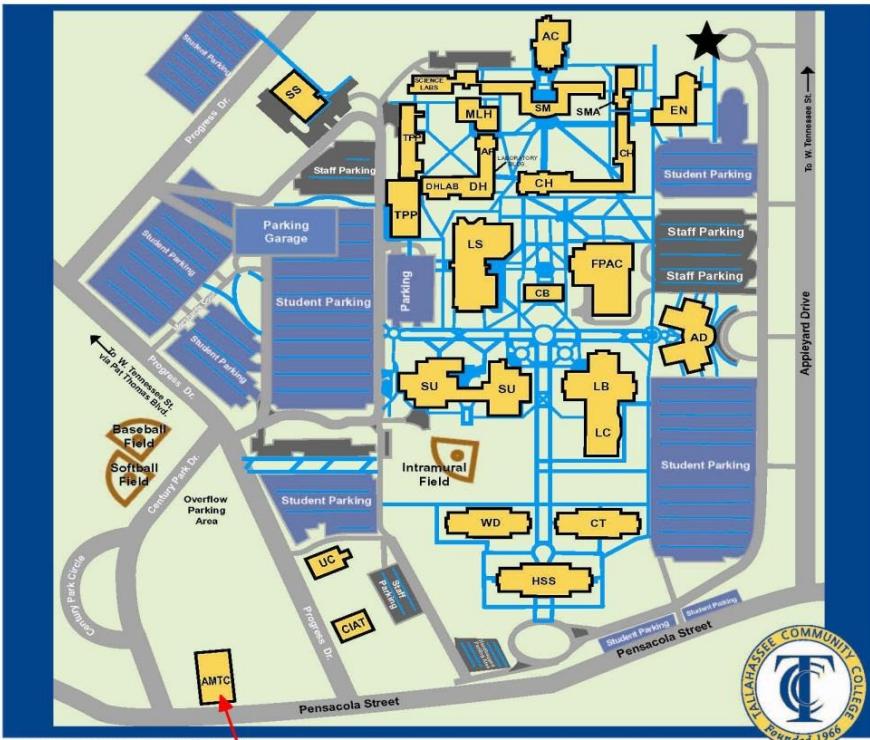
Thru Sept 2016



TCC
Pathways &
Stackable
Credentials



Tallahassee Community College



TCC CAMPUS MAP LEGEND

AC	Academic Computing Center	CT	Computer Technology Building	SU	Student Union Bookstore Campus Life Career Center Cashier
AD	Hinson Administration Building	DH	Dental Hygiene Building	WD	College Reach-Out Program (CROP) Disability Support Services
AP	Academic Affairs	EN	Dental Hygiene Lab	FPAC	Enrollment Services and Student Success
AS	Administrative Services	EN	English Building	Financial Aid	Financial Aid
BO	Business Office	FPAC	Fine and Performing Arts Center	Food Court	Food Court
CPI	Communications and Public Information	CT	Center for Teaching Excellence	ISS	International Student Services
GSP	General Services and Procurement	DH	Ralph Hurst Gallery	SA	Student Activities
HRS	Human Resources	EN	TCC Fine Art Gallery	SA	Student Affairs
IC	Information Center	FPAC	Testing Center	VAC	Veterans Center
OP	Information Technology	LB	Turner Auditorium	TPP	Technology and Professional Programs Building
OTP	Office of the President	HSS	T.K. Wetherell History and Social Sciences Building	UC	University Center
TCCF	TCC Foundation	LB	TCC Library	BU	Barry University
AMTC	<u>Advanced Manufacturing Training Center</u>	LC	William D. Law, Jr. Learning Commons	ERAU	Embry-Riddle Aeronautical University
APB	Academic Support Building	LS	Lifetime Sports Complex	FC	Flagler College
CB	Center Building	MLH	Athletics	SLU	Saint Leo University
CP	Campus Police	SM	Fitness Center	WWD	Center for Workforce Development
PS	Print Shop	SMA	Judge Walter T. Moore Science Lecture Hall	SB	Star Metro Bus Stop
CH	Communications and Humanities Building	SS	Science and Mathematics Building		
CIAT	Construction/Industrial Applied Technology Building		SM		
	Thomas University		SMA		

Not Shown on Map: TCC Capitol Center, Florida Public Safety Institute, Quincy House, Wakulla Center

- AMTC Front Desk
 - 201-9720
- Office
 - 201-9673

